ABSTRACT OF THE DISCLOSURE

A method for the production of a macroporous ceramic foam, wherein: (a) forming a ceramic slip comprising a substantially homogeneous mixture of a ceramic particulate, an organic binder in a liquid carrier, and optionally one or more surfactants, wherein at least one surfactant is present if the organic binder does not function as a surfactant, and wherein the ceramic slip preferably has a viscosity in the range of from 15 to 200 $mPas^{-1}$; (b) foaming the ceramic slip; and (c) heating the foamed ceramic slip at a temperature sufficient to substantially burn out the organic binder. The macroporous ceramic foam is suitable for use in biomedical applications such as synthetic bones, tissue engineering scaffolds or drug delivery devices.